

WHAT IS CLAIMED IS:

1. An ink recording element comprising at least one solvent absorbing layer comprising an amine inactivated absorbing gelatin.
2. The ink recording element of claim 1 wherein said amine inactivated absorbing gelatin comprises a gelatin having succinyl groups.
3. The ink recording element of claim 2 wherein said gelatin having succinyl groups has been modified with a carbon chain of up to 22 carbons.
4. The ink recording element of claim 3 wherein said carbon chain has between 6 and 18 carbons.
5. The ink recording element of claim 2 wherein said amine inactivated absorbing gelatin comprises succinylated pigskin gelatin.
6. The ink recording element of claim 2 wherein said amine inactivated absorbing gelatin is in a blend with non-succinylated gelatin.
7. The ink recording element of claim 5 wherein said succinylated pigskin gelatin is blended with non-succinylated osseine gelatin.
8. The ink recording element of claim 5 wherein said succinylated pigskin gelatin is blended with non-succinylated pigskin gelatin.
9. The ink recording element of claim 5 wherein said succinylated pigskin gelatin is blended with non-succinylated pigskin gelatin wherein said succinylated pigskin gelatin is present in an amount between 5% and 95% by weight.

10. The ink recording element of claim 1 wherein said amine inactivated absorbing gelatin has a bloom strength of between 100 grams and 350 grams.

11. The ink recording element of claim 1 further comprising an overcoat layer.

12. The ink recording element of claim 11 wherein said overcoat layer comprises cellulose ether.

13. The ink recording element of claim 11 wherein said overcoat layer comprises a blend of cellulose ether with vinyl latex polymer.

14. The ink recording element of claim 11 further comprising an inner layer between solvent absorbing layer and said overcoat layer.

15. The ink recording element of claim 14 wherein said inner layer comprises poly(vinyl alcohol).

16. The ink recording element of claim 15 wherein said inner layer further comprises at least one member selected from the group consisting of polyurethane dispersion, and vinyl latex polymer.

17. The ink recording element of claim 14 wherein said inner layer comprises a water dispersible polymer.

18. The ink recording element of claim 1 wherein said solvent absorbing layer further comprises other hydrophilic materials.

19. The ink recording element of claim 18 wherein said other hydrophilic material comprises poly(vinyl alcohol).

20. The ink recording element of claim 1 further comprising dye mordants.

21. The ink recording element of claim 1 wherein said ink recording element is an inkjet recording element.

22. An ink printing method comprising providing an ink recording element comprising at least one solvent absorbing layer comprising an amine inactivated absorbing gelatin; and applying liquid ink droplets thereon in an image-wise manner.

23. The method of claim 22 wherein said amine inactivated absorbing gelatin comprises succinylated pigskin gelatin.

24. The method of claim 22 wherein said amine inactivated absorbing gelatin is in a blend with non-succinylated gelatin.

25. The method of claim 22 wherein said ink recording element further comprises dye mordants.

26. The method of claim 22 wherein said amine inactivated absorbing gelatin comprises a gelatin having succinyl groups.

27. The method of claim 26 wherein said gelatin having succinyl groups has been modified with a carbon chain of up to 22 carbons.

28. The method of claim 26 wherein said gelatin having succinyl groups have been modified with a carbon chain of between 6 and 18 carbons.

29. The method of claim 22 wherein said recording element is an inkjet recording element.